

Fox Valley Metrology

3114 Medalist Drive

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00032-840	IDENTIFICATION	EL-003C
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	32
TEST INSTRUMENT	Transducer Temperature	PURCHASE ORDER #	
MAKE	Allen-Bradley	PROCEDURES FOLLOWED	EL-003C rev. 1
MODEL	931N		
RANGE	(0 to 10) VDC		
CUSTOMER LOCATION	Location1 Location2	STANDARDS USED	
CONDITION RECEIVED	In Tolerance	INSTRUMENT	SERIAL NUMBER
CONDITION RETURNED	In Tolerance	FVS-214D	US36083646
CALIBRATED BY	Dennis Strehlow	FVS-901	FVS-901
REVIEWED/ISSUED	D.P. 07/29/2025	FVS-904	5815902
CALIBRATION LOCATION	FVM	TRACE NUMBER	NEXT CAL
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg	C0064-60453-746	07/31/2025
CALIBRATION DATE	05/14/2025	CM140-22532-690	05/31/2027
RECALIBRATION DUE	05/14/2026	CN226-37111-524	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Temp Deg C	VDC	VDC	VDC	VDC	VDC	
-40	0.000	-0.120	0.120	0.001	0.001	6.0E-4
20	2.500	2.380	2.620	2.432	2.432	6.0E-4
80	5.000	4.880	5.120	4.934	4.934	6.0E-4
140	7.500	7.380	7.620	7.435	7.435	6.0E-4
200	10.000	9.880	10.120	9.939	9.939	6.0E-4

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.
Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.